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Claim 8, wherein a group of device keys corresponding to a part of a first row of personal computer keys of the personal computer keyboard are separated on the housing by a first spacing from a group of device keys corresponding to another part of the first row of personal computer keys of the personal computer keyboard; and

the group of device keys corresponding to the other part of the first row of personal computer keys of the personal computer keyboard is separated from a group corresponding to a part of a second row of personal computer keys of the personal computer keyboard by a second spacing.

--14. (Amended) The key arranging method according to Claim 13, wherein the second spacing is greater than the first spacing.--

REMARKS

Claims 1-14 remain in the application and have been amended hereby.

As will be noted from the Declaration, Applicants are citizens and residents of Japan and this application originated there.

Accordingly, the amendments to the specification are made to place the application in idiomatic English, and the claims are amended to place them in better condition for examination.

An early and favorable examination on the merits is

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earnestly solicited.

Respectfully submitted,
COOPER & DUNHAM, LLP

A handwritten signature in black ink, appearing to read "Jay H. Maioli". The signature is written in a cursive, flowing style.

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JHM/AVF/pmc

VERSION WITH MARKINGS TO SHOW CHANGES MADEIN THE ABSTRACT OF THE DISCLOSURE

The Abstract of the Disclosure has been amended as follows:

--A mobile device includes a [portrait-oriented] vertically-oriented handheld housing[,] and keys [which are arranged in such a manner that keys mounted on] corresponding to keys of a [landscape-oriented] horizontally-oriented keyboard of a personal computer are divided into a plurality of groups, each group of keys being shifted in a [longitudinal] vertical direction of the housing with respect to one another[. Therefore, the], to allow a mobile device [with a confined width can] to accommodate a key layout similar to the key layout of the computer keyboard.--

IN THE CLAIMS

Claims 1-14 have been amended as follows:

--1. (Amended) A mobile device comprising a [portrait-oriented] vertically oriented handheld housing[,] and device keys mounted on the housing, [said] the device keys corresponding to personal computer keys mounted on a [landscape-oriented] horizontally oriented keyboard of a personal computer,

wherein each [row] of a plurality of rows of personal computer keys mounted on the keyboard is divided into at least

two groups [including a first group and a second group,];

[the] a first group of device keys corresponding to a first group of personal computer keys [being] is positioned [along the width direction of] horizontally on the housing[,]; and

[the] a second group of device keys corresponding to a second group of personal computer keys [being] is positioned [along the width direction of] horizontally on the housing and [arranged to be] shifted in [the longitudinal] a vertical direction of the housing with respect to the first group of device keys.

--2. (Amended) [A] The mobile device according to Claim 1, wherein the second group of device keys is shifted [along the width direction of the] horizontally on the housing with respect to the first group of device keys.

--3. (Amended) [A] The mobile device according to Claim 1, wherein the device keys are arranged on the housing [in] such [a manner] that [the] a color of the first group of device keys is different from [the] a color of the second group of device keys.

--4. (Amended) [A] The mobile device according to Claim 1, wherein the device keys are arranged on the housing [in] such [a manner] that [the] a color of [one] a row of device keys in the first group and the second [groups] group is

different from [the] a color of [another] an other row of device keys in the first group and the second [groups] group.

--5. (Amended) [A] The mobile device according to Claim 1, further comprising touch-sensitive liquid crystal display panel input means,

wherein the device keys on the housing are formed by [said] the touch-sensitive liquid crystal display panel input means.

--6. (Amended) [A] The mobile device according to Claim 1, wherein [the groups] a group of device keys [which are separated from] corresponding to a part of a first row of personal computer keys [arranged in the horizontal direction] of the personal computer keyboard are [positioned] separated on the housing by a first spacing from [the groups] a group of device keys [which are separated from a second] corresponding to an other part of the first row of personal computer keys [arranged in the horizontal direction] of the personal computer keyboard[,]; and

the group of device keys [on] corresponding to the other part of the first row [which is adjacent to the group] of personal computer keys of the personal computer keyboard is separated from [the second row is positioned therefrom] a group corresponding to a part of a second row of personal computer keys of the personal computer keyboard by a second spacing [which is different from said first spacing].

--7. (Amended) [A] The mobile device according to Claim 6, wherein the second spacing is greater than the first spacing.

--8. (Amended) A key arranging method for arranging device keys on a [portrait-oriented] vertically oriented handheld housing, the device keys corresponding to personal computer keys mounted on a [landscape-oriented] horizontally oriented keyboard of a personal computer, [said] the key arranging method comprising the steps of:

dividing each [row] of a plurality of rows of the personal computer keys [in the key layout] of the personal computer keyboard into at least two groups;

positioning one [group along the width direction of] of the groups horizontally on the housing as a first group of device keys; and

positioning [another group along the width direction of] an other of the groups horizontally on the housing as a second group of device keys[,] and shifting the second group of device keys [in the longitudinal direction of the housing] vertically with respect to the first group of device keys.

--9. (Amended) [A] The key arranging method according to Claim 8, wherein the second group of device keys is shifted [along the width direction of the housing] horizontally with respect to the first group of device keys.

--10. (Amended) [A] The key arranging method according to Claim 8, wherein the device keys are arranged on the housing [in] such [a manner] that [the] a color of the first group of device keys is different from [the] a color of the second group of device keys.

--11. (Amended) [A] The key arranging method according to Claim 8, wherein the device keys are arranged on the housing [in] such [a manner] that [the] a color of [one] a row of device keys in the first group and the second [groups] group is different from [the] a color of [another] an other row of device keys in the first group and the second [groups] group.

--12. (Amended) [A] The key arranging method according to Claim 8, further comprising the steps of:

providing touch-sensitive liquid crystal display panel input means on the housing;

forming device key images at predetermined positions on the liquid crystal display panel input means; and

associating the device key images formed at the predetermined positions on the liquid crystal display panel input means with a plurality of [the] device keys on the housing,

[whereby] wherein the plurality of device keys on the housing are arranged on the liquid crystal display panel input means on the housing.

--13. (Amended) [A] The key arranging method according to Claim 8, wherein [the groups] a group of device keys [which are separated from] corresponding to a part of a first row of personal computer keys [arranged in the horizontal direction] of the personal computer keyboard are [positioned] separated on the housing by a first spacing from [the groups] a group of device keys [which are separated from a second row] corresponding to another part of the first row of personal computer keys [arranged in the horizontal direction] of the personal computer keyboard[,]; and

the group of device keys [on] corresponding to the other part of the first row [which is adjacent to the group] of personal computer keys of the personal computer keyboard is separated from [the second row is positioned therefrom] a group corresponding to a part of a second row of personal computer keys of the personal computer keyboard by a second spacing [which is different from said first spacing].

--14. (Amended) [A] The key arranging method according to Claim 13, wherein the second spacing is greater than the first spacing.--